

Date: Monday, 06/10/2008 1:20:18 PM
 User: Julie Lecocq

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: OUTSIDE WASHER
Job Number	: 42465		
Estimate Number	: 11153		
P.O. Number	:	Part Number	: D32333
This Issue	: 06/10/2008 S.O. No. :	Drawing Number	: D3233 REV B
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: 11 Type : MACHINED PARTS	Drawing Revision	: B
Previous Run	: 37074	Material	:
Written By	:	Due Date	: 20/10/2008 Qty: 20 Um: Each
Checked & Approved By	JLD 08.10.06		
Comment	: Est. B 05.03.31 Added Powder Coat KJ/JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M1020TR2000W500	1020-1025 round tubing 2.00 x .500w
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Comment: Qty.: 0.0788 f(s)/Unit Total : 1.5750 f(s)
 1020-1025 Round Tube
 Material: AISI 1020-1025 Seamless Tubing 2" x 0.500" wall
 (M1020TR2.000W.500)
 Identify for D3233-3
 Batch: M17015 mms 08/10/13

2.0	HARDINGE	HARDINGE CNC LATHE SMALL
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Comment: HARDINGE CNC LATHE SMALL
 Turn as per Folio FA518 and Dwg D3233
 Deburr mms 08/10/13

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE mms 08/10/13

4.0	QC8	SECOND CHECK
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Comment: SECOND CHECK SA 08/10/14

5.0	POWDER COATING	POWDER COATING
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M18052



(2UX)

Comment: POWDER COATING
 Powder Coat Fire Red (Ref: 4.3.5.10) as per QSI 005 4.3
 START TIME: 7:40
 OVEN TEMPERATURE: 320°F
 FINISH TIME: 8:10
 mms 08/10/18

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: OUTSIDE WASHER

Job Number: 42465

Part Number: D32333

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



20x

Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

8/10/20

20x

7.0

PACKAGING 1

PACKAGING RESOURCE #1



20x

Comment: PACKAGING RESOURCE #1

Identify and Stock
Location: 490

8/10/20

SP

8.0

QC21

FINAL INSPECTION/W/O RELEASE



08/10/20 70

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 08-10-20

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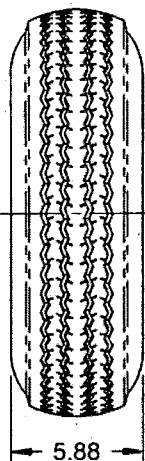
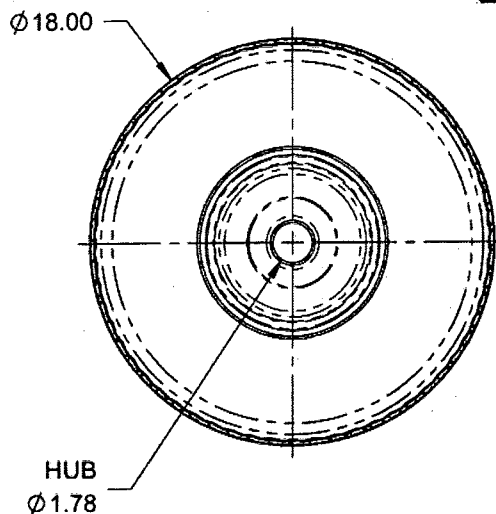
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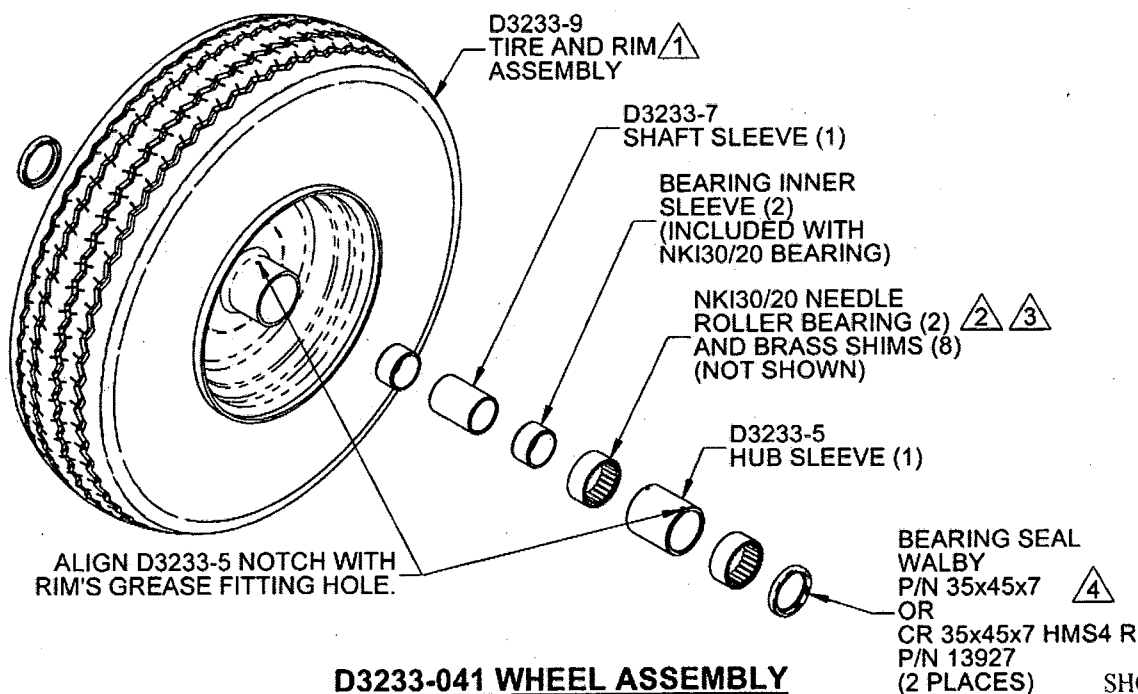
DESIGN 13	DRAWN BY 13	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D3233	REV. B SHEET 1 OF 3
DATE 05.03.08		TITLE WHEEL ASSEMBLY	SCALE 1:1
A	05.02.18	NEW ISSUE	
B	05.03.08	ADDED BEARING SEALS	



RELEASED
05/05/04

WHEEL SPECIFICATIONS		
SIZE	MAXIMUM LOAD	MAXIMUM INFLATION LOAD
TIRE: 19.0 x 5.8 RIM: 5.70 x 8.0	910 LBS (RANGE C)	90 PSI*

* MANUFACTURER'S RECOMENDATIONS
ARE 75 PSI FOR HIGH SPEED USE.



D3233-041 WHEEL ASSEMBLY

NOTES:

- 1) POSSIBLE SUPPLIER: McMASTER-CARR, P/N 8353T74
- 2) POSSIBLE SUPPLIER: GENERAL BEARING
- 3) PRESS FIT NEEDLE ROLLER BEARINGS INTO RIM HUB WITH
(4) 0.5 X 0.75 X 0.004 BRASS SHIMS PER BEARING, (1) AT EACH QUADRANT.
- 4) POSSIBLE SUPPLIER: GENERAL BEARING
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

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NO. *H2165*

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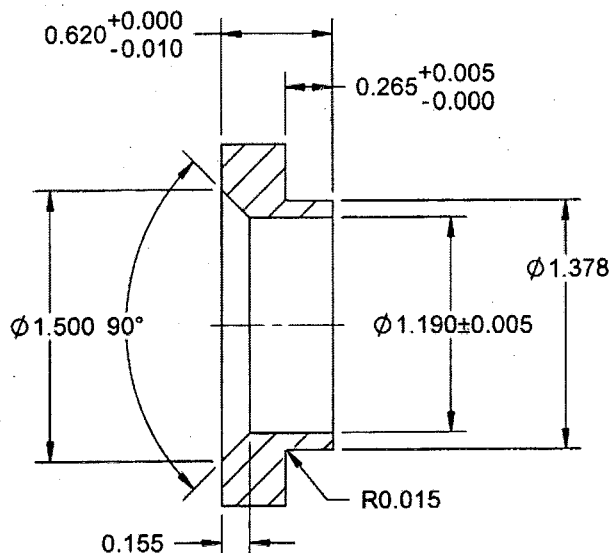
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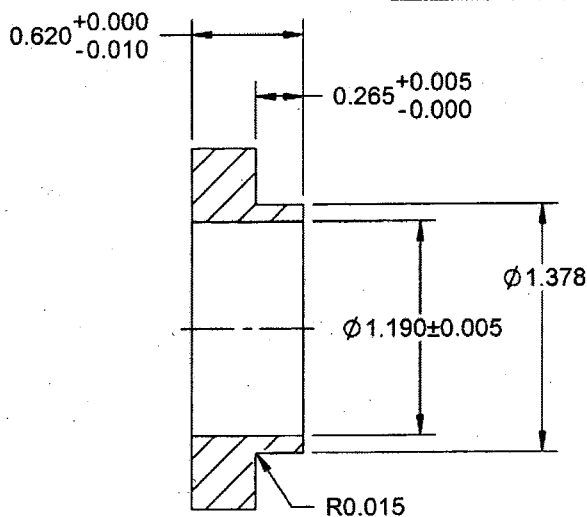
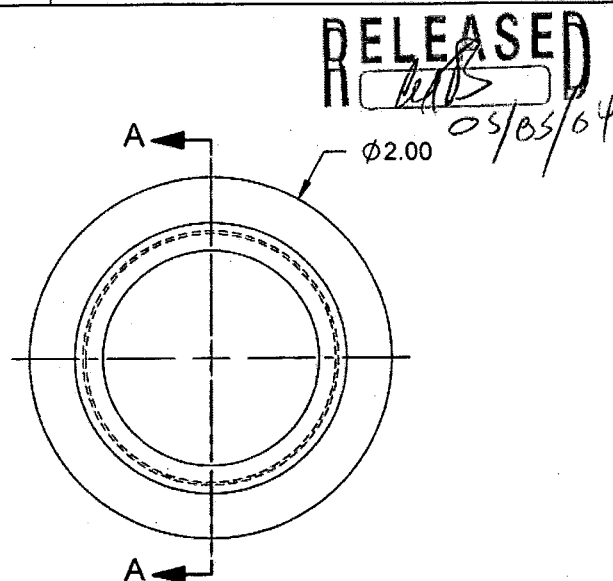


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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3233	REV. B SHEET 2 OF 3
DATE 05.03.08		TITLE WHEEL ASSEMBLY	SCALE 1:1



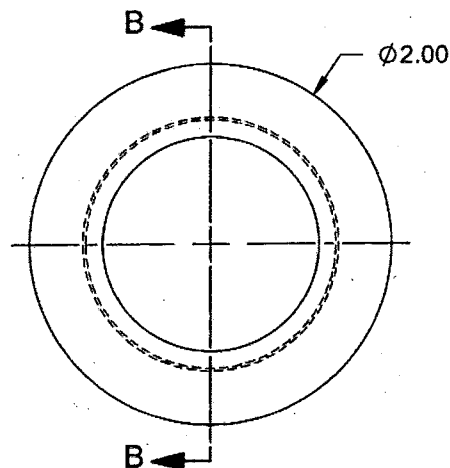
SECTION A-A

D3233-1 INSIDE WASHER



SECTION B-B

D3233-3 OUTSIDE WASHER



NOTES:

- 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00 UNCONTROLLED COPY
MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS
(REF. DART SPEC. M1020TR)
- 2) FINISH: POWDER COAT FIRE RED (REF. 4.3.5.10) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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WORK ORDER

NO. *42405*

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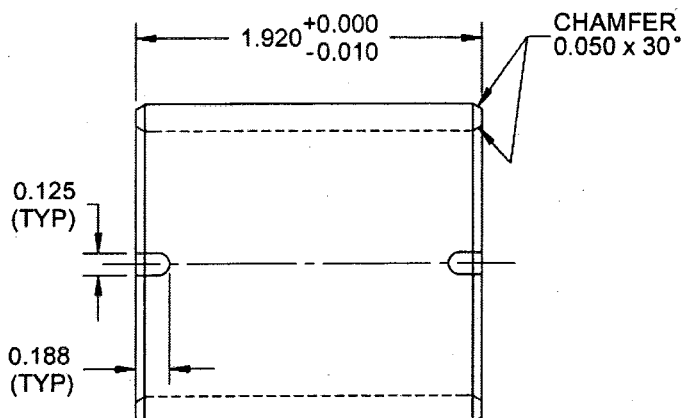
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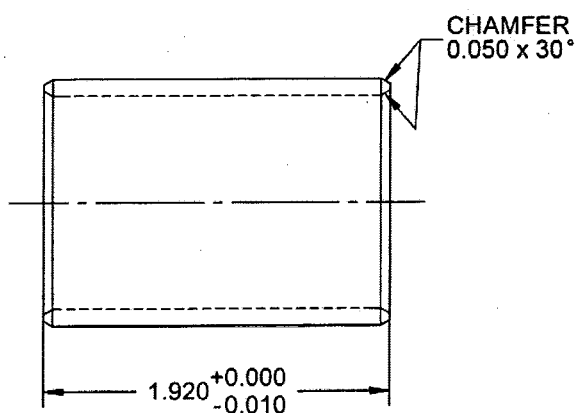
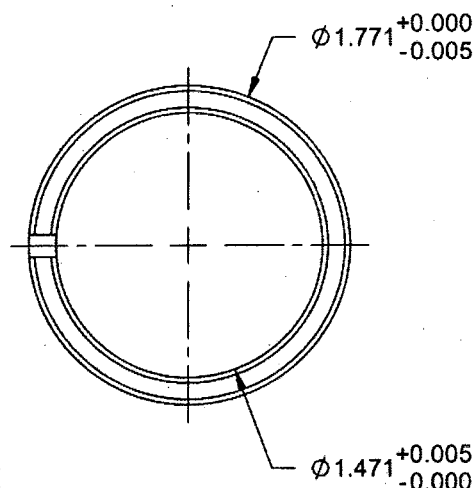


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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3233	REV. B SHEET 3 OF 3
DATE 05.03.08		TITLE WHEEL ASSEMBLY	SCALE 1:1

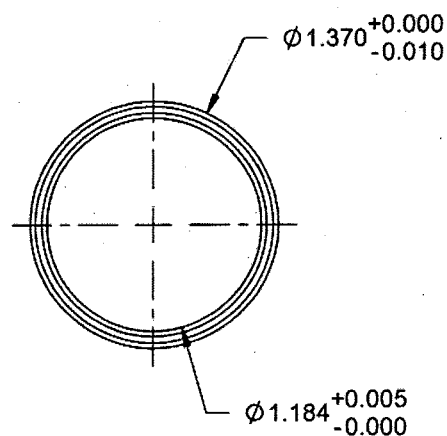
RELEASED
[Signature]
05/05/04



D3233-5 HUB SLEEVE



D3233-7 SHAFT SLEEVE



NOTES:

- 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00, MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS (REF. DART SPEC. M1020TR)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.030

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